Canon PowerShot A3200 IS

Digital Compact Camera

With Dynamic Image Stabilizer and a set of other impressive features, the metal bodied PowerShot A3200 IS captures beautiful photos and HD movies with ease.

Features
- 14.1 Megapixels
- 28mm wide, 5x zoom lens
- Optical Image Stabilizer
- 6.7 cm (2.7") LCD
- Smart Auto, Easy mode and Hints & Tips
- HD Movies (720p) with Dynamic IS
- Live View Control and Creative Filters
- Face Detection, Auto Red-Eye Correction
- DIGIC 4
- Li-ion battery

Steady shots of moving moments

14.1 Megapixels
A high resolution sensor captures every detail in your subject, giving you the freedom to produce very large prints or crop in for a perfect composition.

28mm wide, 5x zoom lens
A 28mm wide-angle view provides greater scope for wide landscapes and indoor shots, while a 5x optical telephoto function allows the user to zoom in on details and frame more creatively.

Optical Image Stabilizer
An optical Image Stabilizer makes this camera's performance really stand out. Compensating for camera shake in challenging conditions such as lower light or when shooting with full zoom, the Image Stabilizer helps you capture images in full detail and with less blur at all times.

6.7 cm (2.7") LCD
A large and sharp screen makes it easy to frame and share shots with friends. Subjects appear in good detail and playback is a joy thanks to five different brightness settings, allowing you to adjust it for any lighting condition.

Smart Auto, Easy mode and Hints & Tips
With Smart Auto, you can take great photos with the press of a button. The camera automatically selects the most appropriate scene from a possible 32 and applies the best settings for a perfect picture. Easy mode prevents you from accidently changing settings, while Hints & Tips provide a brief explanation of the camera's features.

HD Movies (720p) with Dynamic IS
The PowerShot A3200 IS features 720p video capture, allowing you to record scenes in high definition quality. Dynamic IS uses the optical Image Stabilizer to reduce wobble on movies shot while moving such as when walking alongside to your subject.

Live View Control and Creative Filters
Live View Control allows you to easily adjust various picture settings while framing the shot. 6 Creative Filters including Miniature and Toy Camera Effect produce impressive results to spark your imagination.

Face Detection, Auto Red-Eye Correction
Face Detection Technology detects up to 35 faces in a single frame and ensures that people remain

in focus and with optimum brightness. Red-eye is automatically removed immediately after the shot is taken or during playback.

DIGIC 4
Canon's DIGIC 4 processor drives responsive operation, superb image quality and colour reproduction. Advanced Noise Reduction ensures richly detailed, cleaner images, even at high ISO speeds.

Li-ion battery
Lithium-ion batteries provide a lightweight and easily rechargeable powering solution.

Product Specification

IMAGE SENSOR

Type   1/2.3 type CCD
Effective Pixels   Approx. 14.1M
Colour Filter Type   Primary Colour

IMAGE PROCESSOR

Type   DIGIC 4 with iSAPS technology

LENS

Focal Length   5.0 – 25.0 mm (35 mm equivalent: 28 – 140 mm)
Zoom   Optical 5x. Digital Approx. 4x[1] (with Digital Tele-Converter Approx. 1.7x or 2.1x and Safety Zoom[2])[1]. Combined Approx. 20x
Maximum f/number   f/2.8 – f/5.9
Construction   7 elements in 6 groups (2 double-sided aspherical lenses (including 1 UA lens), and 1 single-sided aspherical UA lens)
Image Stabilisation   Yes (lens shift-type), approx. 3-stop

FOCUSING

Type   TTL
AF System/ Points   AiAF (Face Detection / 9-point), 1-point AF (fixed to centre or Face Select and Track)
AF Modes   Single, Continuous (Auto mode only), Servo AF/AE[1], Tracking AF[1]
AF Point Selection   Size (Normal, Small)
AF Lock   On/Off Selectable
AF Assist Beam   Yes
Closest Focusing Distance   3 cm (W) from front of lens in macro

EXPOSURE CONTROL

Metering modes   Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
AE Lock   On/Off Selectable
Exposure Compensation   +/- 2 EV in 1/3 stop increments. Enhanced i-Contrast for automatic dynamic range correction
ISO sensitivity*   AUTO, 80, 100, 200, 400, 800, 1600

SHUTTER

Speed   1 – 1/1600 sec. (factory default)
         15 – 1/1600 sec. (total range – varies by shooting mode)

WHITE BALANCE

Type   TTL
Settings   Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom

LCD MONITOR

Monitor   6.7 cm (2.7") TFT, Approx. 230,400 dots
Coverage   Approx. 100%
Brightness   Adjustable to one of five levels. Quick-bright LCD

FLASH

Modes	Auto, Manual Flash On / Off, Slow Synchro
Slow Sync Speed	Yes. Fastest speed 1/1600 sec.
Red-Eye Reduction	Yes
Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
Flash Exposure Lock	Yes
Built-in Flash Range	30 cm – 4.0 m (W) / 50 cm – 2.0 m (T)
External Flash	Canon High Power Flash HF-DC1

SHOOTING

Modes	Auto*, Easy*, P, Live View Control, SCN (Portrait, Landscape, Kids & Pets, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), Low Light (3.5MP), Beach, Foliage, Snow, Fireworks, Long Shutter), Creative Filters (Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect), Discreet, Movie *with Scene Detection Technology and Motion Detection Technology
Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited))
Drive modes	Single, Continuous, Self-Timer
Continuous Shooting	Approx. 0.9 shots/sec.[1] (until memory card becomes full)[2]

RECORDING PIXELS / COMPRESSION

Image Size	(L) 4320 x 3240, (M1) 3072 x 2304, (M2) 1600 x 1200, (S) 640 x 480, (W) 4320 x 2432. Resize in playback (M2, S, 320 x 240)
Compression	Fine, Normal
Movies	(HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps, (M) 320 x 240, 30 fps Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps
Movie Length	(HD) Up to 4 GB or 10 min. 00 sec.[1] (L and M) Up to 4 GB or 1 hour[2]

FILE TYPES

Still Image Type	JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	MOV [H.264 + Linear PCM (monaural)]

DIRECT PRINT

Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
PictBridge	Yes

OTHER FEATURES

Red-Eye Correction	Yes, during shooting and playback
My Camera / My Menu	Start-up image and camera sounds customisation
My Category	Image tagging feature
Intelligent Orientation Sensor	Yes
Histogram	Yes

Playback Zoom	Approx. 2x – 10x
Self Timer	Approx. 2 or 10 sec. or Custom
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi

INTERFACE

Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
Other	A/V output, dedicated connector (PAL/NTSC)

MEMORY CARD

Type	SD, SDHC, SDXC, MMC, MMCplus, HCMMCplus

SUPPORTED OPERATING SYSTEM

PC & Macintosh	Windows 7/ Vista SP1-2/ XP SP3 Mac OS X v10.5 – 10.6

SOFTWARE

Browsing & Printing	ZoomBrowser EX / ImageBrowser
Other	PhotoStitch

POWER SOURCE

Batteries	Rechargeable Li-ion Battery NB-8L (battery and charger supplied)
Battery life	Approx. 250 shots[1] Approx. 360 min. playback
A/C Power Supply	Optional, AC Adapter Kit ACK-DC60

ACCESSORIES

Cases / Straps	Soft Case DCC-510
Flash	High Power Flash HF-DC1
Power Supply & Battery Chargers	AC Adapter Kit ACK-DC60

PHYSICAL SPECIFICATIONS

Operating Environment	0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)	95.1 x 56.7 x 24.3 mm
Weight	Approx. 149 g (including battery/batteries and memory card)
Zoom	[1] Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording. [2] Depending on the image size selected.
AF Modes	[1] Some settings limit availability
Continuous Shooting	[1] Under conditions where the flash does not fire. [2] Depending on memory card speed / capacity / compression setting.
Movie Length	[1] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. [2] Depending on memory card speed / capacity / compression setting.

Battery life

[1] Using the batteries and memory card format supplied with the camera (where included), except where indicated.

* Standard Output Sensitivity / Recommended Exposure Index.
According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.
All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.
Subject to change without notice.